

GenCode version 5.1.6
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OM protein - protein search, using sw model

Run on: March 15, 2004, 13:14:51, Search time 31.5929 Seconds
(without alignments)
795.344 Million call updates/sec

Title: US-09-756-301b-5

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Scoring table: OJGCO

Gapop 60.0, Gapext 60.0

Searched: 809743 seqs, 21153259 residues

Word size: 0

Total number of hits satisfying chosen parameters: 809742

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	119 100.0	119 9	US-09-327-701-5	Sequence 5, Appl
3	119 100.0	119 9	US-09-756-301A-5	Sequence 5, Appl
4	119 100.0	119 9	US-09-756-161A-5	Sequence 5, Appl
5	119 100.0	119 10	US-09-697-724-5	Sequence 5, Appl
6	119 100.0	119 13	US-10-010-429-5	Sequence 5, Appl
7	119 100.0	119 13	US-10-010-429-5	Sequence 5, Appl
8	119 100.0	119 13	US-10-044-534-5	Sequence 5, Appl
9	119 100.0	119 14	US-10-043-432-5	Sequence 5, Appl
10	119 100.0	119 14	US-10-288-145-5	Sequence 5, Appl
11	119 100.0	119 14	US-10-288-145-5	Sequence 5, Appl
12	119 100.0	119 14	US-10-227-488-5	Sequence 5, Appl
13	119 100.0	119 14	US-10-187-121-5	Sequence 5, Appl
14	119 100.0	119 14	US-10-176-460-5	Sequence 5, Appl
15	119 100.0	119 14	US-10-186-559-5	Sequence 5, Appl

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ALIGNMENTS

RESULT 1

Sequence 5, Application US/09756301A
Patent No. US2010027249A1
GENERAL INFORMATION:
APPLICANT: Vilecek, Jan
APPLICANT: Daddona, Peter
APPLICANT: Grayson, John
APPLICANT: Daddona, M.
APPLICANT: Siegel, Scott
TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
CURRENT APPLICATION NUMBER: US/09/756301A
CURRENT FILING DATE: 2001-01-08
PRIOR APPLICATION NUMBER: U.S. 09/133,119
PRIOR FILING DATE: 1998-08-01
PRIOR APPLICATION NUMBER: U.S. 08/570,674
PRIOR FILING DATE: 1995-12-11
PRIOR APPLICATION NUMBER: U.S. 08/324,799
PRIOR FILING DATE: 1995-10-18
PRIOR APPLICATION NUMBER: U.S. 08/192,102
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,061
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,093
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/010,406
PRIOR FILING DATE: 1993-01-29
PRIOR APPLICATION NUMBER: U.S. 08/013,413
PRIOR FILING DATE: 1993-02-02
PRIOR APPLICATION NUMBER: U.S. 07/943,882
PRIOR FILING DATE: 1992-09-15
PRIOR APPLICATION NUMBER: U.S. 07/853,606
PRIOR FILING DATE: 1992-03-18
PRIOR APPLICATION NUMBER: U.S. 07/670,827
PRIOR FILING DATE: 1992-03-18

[illegible]

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GENERAL INFORMATION:
APPLICANT: Le, Junning
APPLICANT: Vileek, Jan
APPLICANT: Knight, David M.
APPLICANT: Grayeb, John
APPLICANT: Knight, David M.
APPLICANT: Siegel, Scott
TITLE OF INVENTION: Human Tumor Necrosis and Peptides of
FILE REFERENCE: 0975-1005-013
CURRENT FILING DATE: 2002-08-10
PRIOR APPLICATION NUMBER: US/10/043,450
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/756,398
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/133,119
PRIOR FILING DATE: 1998-08-12
PRIOR APPLICATION NUMBER: U.S. 08/570,674
PRIOR FILING DATE: 1994-10-18
PRIOR APPLICATION NUMBER: U.S. 08/324,799
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,861
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,893
PRIOR FILING DATE: 1993-01-29
PRIOR APPLICATION NUMBER: U.S. 08/010,406
PRIOR FILING DATE: 1993-02-02
PRIOR APPLICATION NUMBER: 08/013,413
PRIOR FILING DATE: 1993-02-02
PRIOR APPLICATION NUMBER: U.S. 07/943,852
PRIOR FILING DATE: 1992-03-18
PRIOR APPLICATION NUMBER: U.S. 07/670,827
PRIOR FILING DATE: 1992-03-18
PRIOR APPLICATION NUMBER: U.S. 07/670,827
SOFTWARE: FastSeq for Windows Version 4.0
SBC ID NO 5
TYPE: PRT
TITLE: MSA Balb/c
US-10-044-534-5

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US-10-043-432-5
Sequence 5; Application US/10043432
General Information:
APPLICANT: Le, Junning
APPLICANT: Vileek, Jan
APPLICANT: Knight, David M.
APPLICANT: Grayeb, John
APPLICANT: Knight, David M.
APPLICANT: Siegel, Scott
TITLE OF INVENTION: Human Tumor Necrosis and Peptides of
FILE REFERENCE: 0975-1005-013
CURRENT APPLICATION NUMBER: US/10/043,432
PRIOR APPLICATION NUMBER: 09/756,398
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: U.S. 09/133,119
PRIOR FILING DATE: 1998-08-12
PRIOR APPLICATION NUMBER: U.S. 08/570,674
PRIOR FILING DATE: 1994-10-18
PRIOR APPLICATION NUMBER: U.S. 08/324,799
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,861
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,893
PRIOR FILING DATE: 1993-01-29
PRIOR APPLICATION NUMBER: U.S. 08/010,406
PRIOR FILING DATE: 1993-02-02
PRIOR APPLICATION NUMBER: 08/013,413
PRIOR FILING DATE: 1993-02-02
PRIOR APPLICATION NUMBER: U.S. 07/943,852
PRIOR FILING DATE: 1992-03-18
PRIOR APPLICATION NUMBER: U.S. 07/670,827
PRIOR FILING DATE: 1992-03-18
PRIOR APPLICATION NUMBER: U.S. 07/670,827
SOFTWARE: FastSeq for Windows Version 4.0
SBC ID NO 5
TYPE: PRT
TITLE: MSA Balb/c
US-10-044-534-5

Query Match          100.0%; Score 119; DB 13; Length 119;
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Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 61 HYAESVGRPTFIRDSKSNVLTQMTDLRTGTGYVCSNYSYGTSDTWGQGLTIVS 119

RESULT 8
US-10-044-534-5
Sequence 5; Application US/10044534
General Information:
APPLICANT: Le, Junning
APPLICANT: Vileek, Jan
APPLICANT: Knight, David M.
APPLICANT: Grayeb, John
APPLICANT: Knight, David M.
APPLICANT: Siegel, Scott
TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
FILE REFERENCE: 0975-1005-013
CURRENT APPLICATION NUMBER: US/10044534
PRIOR APPLICATION NUMBER: US2002014619A1
PRIOR FILING DATE: 2002-02-01
PRIOR APPLICATION NUMBER: 09/756,398
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/133,119
PRIOR FILING DATE: 1998-08-12
PRIOR APPLICATION NUMBER: U.S. 08/570,674
PRIOR FILING DATE: 1994-10-18
PRIOR APPLICATION NUMBER: U.S. 08/324,799
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,861
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,893
PRIOR FILING DATE: 1993-01-29
PRIOR APPLICATION NUMBER: U.S. 08/010,406
PRIOR FILING DATE: 1993-02-02
PRIOR APPLICATION NUMBER: 08/013,413
PRIOR FILING DATE: 1993-02-02
PRIOR APPLICATION NUMBER: U.S. 07/943,852
PRIOR FILING DATE: 1992-03-18
PRIOR APPLICATION NUMBER: U.S. 07/670,827
PRIOR FILING DATE: 1992-03-18
PRIOR APPLICATION NUMBER: U.S. 07/670,827
SOFTWARE: FastSeq for Windows Version 4.0
SBC ID NO 5
TYPE: PRT
TITLE: MSA Balb/c
US-10-043-450-5

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/ Publication No. US20030147891A1
/ GENERAL INFORMATION:
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter
/ APPLICANT: Ghreybe, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor
/ FILE REFERENCE: 0975.1005-006
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/ PRIOR FILING DATE: 1994-02-04
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/ PRIOR FILING DATE: 1992-03-18
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/ GENERAL INFORMATION:
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter
/ APPLICANT: Ghreybe, John
/ APPLICANT: Siegel, Scott
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor
/ CURRENT APPLICATION NUMBER: US/10/176,460

US-10-176-460-5
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/ GENERAL INFORMATION:
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter
/ APPLICANT: Ghreybe, John
/ APPLICANT: Siegel, Scott
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor
/ CURRENT APPLICATION NUMBER: US/10/176,460

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; CURRENT FILING DATE: 1994-02-04
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; PRIOR APPLICATION NUMBER: U.S. 08/013,413
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; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
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; PRIOR FILING DATE: 1991-03-18
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; ORGANISM: Mus Balb/c
US-10-186-559-5

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Job time : 32.5929 secs

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; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
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; PRIOR APPLICATION NUMBER: U.S. 08/013,413
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; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
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; SOFTWARE: FastSeq for Windows Version 4.0
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; LENGTH: 119
; ORGANISM: Mus Balb/c
US-10-176-460-5

Query Watch
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Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLESQGLVPGGSMKLSVAGSPTFSNNHNNWVQSPKGLWVAETRSKINSAT 60
DB 1 EVKLESQGLVPGGSMKLSVAGSPTFSNNHNNWVQSPKGLWVAETRSKINSAT 60
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DB 61 HVASVYKGFPTSRDSSNAVYLTQDLTETDGYVCSYNNYGVSTYDVGQQTLLVS 119

RESULT 15
US-10-186-559-5
Sequence 5, Application US/1616559
Accession 5, Accession US2003018029AL
GENERAL INFORMATION:
APPLICANT: Le, Junning
APPLICANT: Bader, Jan
APPLICANT: Gravez, John
APPLICANT: Knight, David M.
TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
FILE REFERENCE: 0975.1005-006/16/18/186,559
PRIORITY CLAIMS: 0975.1005-006/16/18/186,559
CURRENT FILING DATE: 2002-06-20
PRIOR APPLICATION NUMBER: US 09/756,398
PRIOR FILING DATE: 2001-01-08
PRIOR APPLICATION NUMBER: U.S. 09/133,119
PRIOR FILING DATE: 1998-08-12
PRIOR APPLICATION NUMBER: U.S. 08/570,674
PRIOR FILING DATE: 1995-12-11
PRIOR APPLICATION NUMBER: U.S. 08/324,799
PRIOR FILING DATE: 1994-10-18
PRIOR APPLICATION NUMBER: U.S. 08/192,102
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,861

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REFERENCE/DOCKET NUMBER: NT093-01M3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
FILING DATE: 18-MAR-1992
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-197-102-5
Query Match 100.0%; Score 119; DB 1; Length 119;
Best Local Similarity 100.0%; Pred. No. 1,2e-105; Indels 0; Gaps 0;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 1 EYKLESGGGVQPGSGMKLSVAGSPTFSNNHNNWVQSPGKLEWVAIRKINSAT 60
QY 61 HVAESVGTFTSDSKSAFTOMTDLRTDTGYVCSNNTGISTYWGQQTLLVS 119
DB 61 HVAESVGTFTSDSKSAFTOMTDLRTDTGYVCSNNTGISTYWGQQTLLVS 119
RESULT 2 -799-5
Sequence 5, Application US/08324799
Patent No. 5698195
GENERAL INFORMATION:
APPLICANT: Le Junming
APPLICANT: Vilecek, Jan
APPLICANT: Daddona, Peter E.
APPLICANT: Drayeb, John
APPLICANT: Knight, David M.
APPLICANT: Siegel, Scott A.
TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSES: Hamilton, Brook, Smith & Reynolds, P.C.
ADDRESSES: Hamilton, Brook, Smith & Reynolds, P.C.
CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/324,799
FILING DATE: 04-FEB-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/192,093
FILING DATE: 04-FEB-1994
APPLICATION NUMBER: 08/192,102
FILING DATE: 04-FEB-1994
APPLICATION NUMBER: 08/192,861
FILING DATE: 04-FEB-1994
APPLICATION NUMBER: 08/013,413
FILING DATE: 08-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/010,406
FILING DATE: 11-SEP-1992
APPLICATION NUMBER: US 07/543,852
FILING DATE: 11-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/853,606
APPLICATION NUMBER: US 07/853,606
FILING DATE: 18-MAR-1992
APPLICATION NUMBER: US 07/853,606
FILING DATE: 18-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David E
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: NT093-01M4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-324-799-5
Query Match 100.0%; Score 119; DB 1; Length 119;
Best Local Similarity 100.0%; Pred. No. 1,2e-105; Indels 0; Gaps 0;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 EYKLESGGGVQPGSGMKLSVAGSPTFSNNHNNWVQSPGKLEWVAIRKINSAT 60
DB 1 EYKLESGGGVQPGSGMKLSVAGSPTFSNNHNNWVQSPGKLEWVAIRKINSAT 60
QY 61 HVAESVGTFTSDSKSAFTOMTDLRTDTGYVCSNNTGISTYWGQQTLLVS 119
DB 61 HVAESVGTFTSDSKSAFTOMTDLRTDTGYVCSNNTGISTYWGQQTLLVS 119
RESULT 3
US-08-192-861A-5
Sequence 5, Application US/08192861A
Patent No. 5698195
GENERAL INFORMATION:
APPLICANT: Le Junming
APPLICANT: Vilecek, Jan
APPLICANT: Daddona, Peter E.
APPLICANT: Drayeb, John
APPLICANT: Knight, David M.
APPLICANT: Siegel, Scott A.
TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSES: Hamilton, Brook, Smith & Reynolds, P.C.
ADDRESSES: Hamilton, Brook, Smith & Reynolds, P.C.
CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/192,861A
FILING DATE: 04-FEB-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/192,093
FILING DATE: 04-FEB-1994
APPLICATION NUMBER: 08/192,102
FILING DATE: 04-FEB-1994
APPLICATION NUMBER: 08/192,861
FILING DATE: 04-FEB-1994
APPLICATION NUMBER: 08/013,413
FILING DATE: 08-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/010,406
FILING DATE: 11-SEP-1992
APPLICATION NUMBER: US 07/543,852
FILING DATE: 11-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/853,606
APPLICATION NUMBER: US 07/853,606
FILING DATE: 18-MAR-1992
APPLICATION NUMBER: US 07/853,606
FILING DATE: 18-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David E
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: NT093-01M4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-324-799-5
Query Match 100.0%; Score 119; DB 1; Length 119;
Best Local Similarity 100.0%; Pred. No. 1,2e-105; Indels 0; Gaps 0;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 EYKLESGGGVQPGSGMKLSVAGSPTFSNNHNNWVQSPGKLEWVAIRKINSAT 60
DB 1 EYKLESGGGVQPGSGMKLSVAGSPTFSNNHNNWVQSPGKLEWVAIRKINSAT 60
QY 61 HVAESVGTFTSDSKSAFTOMTDLRTDTGYVCSNNTGISTYWGQQTLLVS 119
DB 61 HVAESVGTFTSDSKSAFTOMTDLRTDTGYVCSNNTGISTYWGQQTLLVS 119

FILING DATE: 18-MAR-1992
 PRIOR APPLICATION DATA: US 07/670,827
 APPLICATION NUMBER: 08/192,861
 FILING DATE: 18-MAR-1991
 PRIOR APPLICATION DATA:
 ATTORNEY/AGENT INFORMATION:
 NAME: Brook, David E. 22,582
 REFERENCE/DOCKET NUMBER: NY93-01M2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (718) 861-6240
 INFORMATION FOR SEQ ID NO. 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 119 amino acids
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-192-861A-5

Query Match 100.0%; Score 119; DB 2; Length 119;
 Best Local Similarity 100.0%; Pred. No. 1.2e-105; Mismatches 0; Indels 0; Gaps 0;
 Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 EVLSEGGGVVPGSGSKLSCVAGSPTFSNNHWWVQSGEGLVWAEVSKNSAT 60
 DB 1 EVLSEGGGVVPGSGSKLSCVAGSPTFSNNHWWVQSGEGLVWAEVSKNSAT 60
 QY 61 HVAESVGRFTISRDSSKAVLTQMTLDTEDGVYCSNNYGVSTYDWGQQTLLVS 119
 DB 61 HVAESVGRFTISRDSSKAVLTQMTLDTEDGVYCSNNYGVSTYDWGQQTLLVS 119

RESULT 4
 US-08-192-861A-5
 Sequence 5; Application US/0813119
 Patent No. 6,237,969
 GENERAL INFORMATION:
 APPLICANT: De Janning
 APPLICANT: Vilecek, Jan
 APPLICANT: Daddona, Peter E.
 APPLICANT: Graybe, John M.
 APPLICANT: Slagel, Scott A.
 TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
 TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
 CORRESPONDENCE ADDRESS:
 ADDRESS: Hamilton, Brook, Smith & Reynolds, P.C.
 STREET: Two Militia Drive
 CITY: Lexington
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02173
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 SOFTWARE: PC-DOS/MS-DOS
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/131,119
 FILING DATE: 08/13/1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/570,674
 FILING DATE: 11-DEC-1995
 APPLICATION DATA:
 APPLICATION NUMBER: 08/134,799
 FILING DATE: 18-OCT-1994
 PRIOR APPLICATION DATA: 08/192,093
 FILING DATE: 04-FEB-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/132,102
 FILING DATE: 04-FEB-1994

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/192,861
 FILING DATE: 18-MAR-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/013,413
 FILING DATE: 18-MAR-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/010,406
 FILING DATE: 29-JAN-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/943,852
 FILING DATE: 11-SEP-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/853,606
 FILING DATE: 18-MAR-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/670,827
 FILING DATE: 18-MAR-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Brook, David E.
 REGISTRATION NUMBER: 22,582
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 861-6240
 TELEFAX: (617) 861-9540
 INFORMATION FOR SEQ ID NO. 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 119 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-133-119-5

Query Match 100.0%; Score 119; DB 3; Length 119;
 Best Local Similarity 100.0%; Pred. No. 1.2e-105; Mismatches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 EVLSEGGGVVPGSGSKLSCVAGSPTFSNNHWWVQSGEGLVWAEVSKNSAT 60
 DB 1 EVLSEGGGVVPGSGSKLSCVAGSPTFSNNHWWVQSGEGLVWAEVSKNSAT 60
 QY 61 HVAESVGRFTISRDSSKAVLTQMTLDTEDGVYCSNNYGVSTYDWGQQTLLVS 119
 DB 61 HVAESVGRFTISRDSSKAVLTQMTLDTEDGVYCSNNYGVSTYDWGQQTLLVS 119

RESULT 5
 US-08-192-861A-5
 Sequence 5; Application US/0819093A
 Patent No. 6,237,971
 GENERAL INFORMATION:
 APPLICANT: De Janning
 APPLICANT: Vilecek, Jan
 APPLICANT: Daddona, Peter E.
 APPLICANT: Graybe, John
 APPLICANT: Knight, David M.
 APPLICANT: Slagel, Scott A.
 TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING
 TITLE OF INVENTION: ANTI-TNF ANTIBODIES
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESS: Hamilton, Brook, Smith & Reynolds, P.C.
 STREET: Two Militia Drive
 CITY: Lexington
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02173
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 SOFTWARE: PC-DOS/MS-DOS
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 08/192,861
 FILING DATE: 18-MAR-1992

TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHEICAL: NO
 ANTISENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 US-08-767-128-26

Query Match 22.78; Score 27; DB 3; Length 139;
 Best Local Similarity 100.0%; Pred. No. 2,68-18;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVLRESGGGLVPGSNMLKSCVASGF 27
 DB 1 EVLRESGGGLVPGSNMLKSCVASGF 27

RESULT 8
 US-08-767-128-28
 ; Sequence 3, Application US/08761128
 ; Patent No. 611079

GENERAL INFORMATION:
 APPLICANT: WYLLIE, DWANE E.
 INVENTOR: WYLLIE, DWANE E.
 APPLICANT: MURRAY, GUYER JOSEPH
 INVENTOR: MURRAY, GUYER JOSEPH
 APPLICANT: CORBELL, PETER
 INVENTOR: CORBELL, PETER
 TITLE OF INVENTION: LEAD ENDING POLYPEPTIDES AND
 NUCLEOTIDE SEQUENCES CODING THEREFOR
 NUMBER OF SEQUENCES: 46
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Merchant, Gould, Smith, Edell, Welter & Schmidt
 ADDRESS: 1000 North Hennepin Avenue, Suite 300
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55401

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PASLSQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/087671128
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 424
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/US96/09258
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/541,373
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/462,798
 CLASSIFICATION: 424

PLING DATE: 05-JUN-1995
 NAME: WYLLIE, DWANE E.
 REGISTRATION NUMBER: 35,093
 REFERENCE/DOCKET NUMBER: 8648-49USF1
 TELEPHONE: 612/471-5278
 TELEFAX: 612/332-5081
 INFO: FOR SEQ ID NO: 28:
 LENGTH: 120 amino acids
 TYPE: amino acid
 STRANDEDNESS: single

TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHEICAL: NO
 ANTISENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 US-08-767-128-28

Query Match 19.34; Score 23; DB 3; Length 120;
 Best Local Similarity 100.0%; Pred. No. 1,66-14;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 BESGGGLVPGSNMLKSCVASGF 27
 DB 5 BESGGGLVPGSNMLKSCVASGF 27

RESULT 9
 US-08-221-580-3
 ; Sequence 3, Application US/08221580
 ; Patent No. 5519000

GENERAL INFORMATION:
 APPLICANT: Reiser, George A.
 INVENTOR: KRZYNSKI, MARIAN
 APPLICANT: MERVIC, MILJENKO
 INVENTOR: MERVIC, MILJENKO
 TITLE OF INVENTION: Apoptosis Factor Inhibitors
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Washington Nurse Mackiewicz & No. 5519000ris
 ADDRESS: One Liberty Place 46th Floor
 CITY: Philadelphia
 STATE: Pennsylvania
 COUNTRY: United States of America
 ZIP: 19103

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/231,580
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 REGISTRATION NUMBER: 33,229
 REFERENCE/DOCKET NUMBER: CCOR-0140
 TELEPHONE: 215-568-3439
 TELEFAX: 215-568-3439
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 TYPE: amino acid
 TOPOLOGY: both

PLING DATE: 08/231,580
 NAME: Reiser, George A.
 REGISTRATION NUMBER: 33,229
 REFERENCE/DOCKET NUMBER: CCOR-0140
 TELEPHONE: 215-568-3439
 TELEFAX: 215-568-3439
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 TYPE: amino acid
 TOPOLOGY: both
 MOLECULE TYPE: peptide
 US-08-221-580-3

Query Match 18.54; Score 22; DB 1; Length 22;
 Best Local Similarity 100.0%; Pred. No. 3,16-14;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 62 YAESVAGFTTISDUSNAVIL 83
 DB 1 YAESVAGFTTISDUSNAVIL 22

RESULT 10
 US-08-221-580-5
 ; Sequence 5, Application US/08221580
 ; Patent No. 5519000

GENERAL INFORMATION:

```

/ APPLICANT: Heavner, George A.
/ APPLICANT: Kruszyński, Marian
/ APPLICANT: Mervic, Miljenko
/ APPLICANT: Robert W.
/ TITLE OF INVENTION: Tumor Necrosis Factor Inhibitors
/ NUMBER OF SEQUENCES: 9
/ CORRESPONDENCE ADDRESS: Woodcock Washburn Kurtz Mackiewicz & No. 5519000r1s
/ STREET: One Liberty Place 46th Floor
/ CITY: Philadelphia
/ STATE: Pennsylvania
/ COUNTRY: USA
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WordPerfect 5.1
/ CURRENT APPLICATION DATA: US/08/221,580
/ FILING DATE: 01-APR-1994
/ CLASSIFICATION: 435
/ ANONYMOUS/AGENT INFORMATION:
/ NAME: Deluga, Mark
/ REFERENCE/DOCKET NUMBER: CCOR-0212
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215) 568-3100
/ TELEFAX: (215) 568-3100
/ INFORMATION FOR SEQ ID NO. 1: 25
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 22 amino acid
/ TYPE: amino acid
/ TOPOLOGY: both
/ MOLECULE TYPE: peptide
/ PCT/US95-04018-65
/ Query Match 18.5%; Score 22; DB 1; Length 22;
/ Best Local Similarity 100.0%; Pred. No. 3,3e-14; Indels 0; Gaps 0;
/ Mismatches 22; Conservative 0; Mismatches 0;
/
/ OY 62 YASVKGRTFISRDGKSNVYL 83
/ DB 1 PASVKGRTFISRDGKSNVYL 22
/
/ RESULT 12
/ PCT/US95-04018-67
/ Sequence 67 Application PC/TUS9504018
/ GENERAL INFORMATION:
/ APPLICANT: Heavner, George A.
/ APPLICANT: Kruszyński, Marian
/ APPLICANT: Mervic, Miljenko
/ APPLICANT: Robert W.
/ TITLE OF INVENTION: Tumor Necrosis Factor Inhibitors
/ NUMBER OF SEQUENCES: 76
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: Woodcock Washburn Kurtz Mackiewicz &
/ STREET: One Liberty Place 46th Floor
/ CITY: Philadelphia
/ STATE: Pennsylvania
/ COUNTRY: USA
/ ZIP: 19403
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: WordPerfect 5.1
/ CURRENT APPLICATION DATA: PCT/US95/04018
/ FILING DATE: 01-APR-1994
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ PCT/US95/04018
/ FILING DATE: 01-APR-1994
/ APPLICATION NUMBER: US 08/221,580
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/221,583
/ FILING DATE: 01-APR-1994
/ APPLICATION NUMBER: US 08/221,581
/ FILING DATE: 01-APR-1994
/ NAME: Deluga, Mark
/ REFERENCE/DOCKET NUMBER: CCOR-0212
/
/ RESULT 13
/ PCT/US95-04018-65
/ Sequence 65 Application PC/TUS9504018
/ GENERAL INFORMATION:
/ APPLICANT: Heavner, George A.
/ APPLICANT: Kruszyński, Marian
/ APPLICANT: Mervic, Miljenko
/ APPLICANT: Robert M.
/ TITLE OF INVENTION: Tumor Necrosis Factor Inhibitors
/ NUMBER OF SEQUENCES: 76
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: Woodcock Washburn Kurtz Mackiewicz &
/ STREET: One Liberty Place 46th Floor
/ CITY: Philadelphia
/ STATE: Pennsylvania
/ COUNTRY: USA
/ ZIP: 19403
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: WordPerfect 5.1
/ CURRENT APPLICATION DATA: PC-DOS/MS-DOS
/ FILING DATE: 01-APR-1994
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ PCT/US95/04018
/ FILING DATE: 01-APR-1994
/ APPLICATION NUMBER: US 08/221,580
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/221,583
/ FILING DATE: 01-APR-1994
/ APPLICATION NUMBER: US 08/221,581
/ FILING DATE: 01-APR-1994
/ NAME: Deluga, Mark
/ REFERENCE/DOCKET NUMBER: CCOR-0212

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TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3400
 TELEFAX: (215) 568-3438
 INFORMATION FOR SEQ ID NO: 67:
 SEQUENCE CHARACTERISTICS:
 TYPE: amino acid
 TOPOLOGY: both
 MOLBUOLE TYPE: peptide
 FC: US95-06018-67

Query Match 18.5%; Score 22; DB 5; Length 22;
 Best Local Similarity 100.0%; Fnd No. 3,3e-14;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 86 TDLRTDVGWYCSNYGVST 107

Db 1 TDLRTDVGWYCSNYGVST 22

RESULT 13

US-07-977-696C-13
 Sequence 13, Application US/07977696C
 Patent No. 5792852
 INVENTOR: Peter M. Schreiber
 APPLICANT: do Couto, Fernando J.R.
 APPLICANT: Ceriani Dr., Roberto L.
 APPLICANT: Petersen Dr., Jerry A.
 TITLE OF INVENTION: Analogue Peptides with Specificity
 TITLE OF INVENTION: For Carcinomas and Kit and Diagnostic Vaccination
 TITLE OF INVENTION: and Therapeutic Methods
 CORRESPONDENCE ADDRESS: 1
 ADDRESS: PRETTY, SCHROEDER & POPLAWSKI
 STREET: 444 South Flower Street, Suite 2000
 CITY: Los Angeles
 STATE: California
 COUNTRY: USA
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/977-696C
 FILING DATE: 11-16-92

ATTORNEY/AGENT INFORMATION:

NAME: Ansel Ph.D., Viviana
 REGISTRATION NUMBER: 30,930
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (510) 748-6868
 TELEFAX: (510) 748-6868
 TOPOLOGY: linear

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:
 TYPE: amino acid
 LENGTH: 134 amino acids
 MOLBUOLE TYPE: peptide

US-07-977-696C-13

Query Match 18.5%; Score 22; DB 1; Length 134;

Best Local Similarity 100.0%; Fnd No. 1.6e-13;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EVLDESGLVPGQSMKSC 22

Db 20 EVLDESGLVPGQSMKSC 41

RESULT 14

US-08-125-930B-13
 Sequence 13, Application US/08129930B
 Patent No. 5808628
 INVENTOR: do Couto, Fernando J.R.
 APPLICANT: do Couto, Fernando J.R.
 APPLICANT: Ceriani Dr., Roberto L.
 APPLICANT: Petersen Dr., Jerry A.
 APPLICANT: Padua Dr., Eduardo A.
 TITLE OF INVENTION: Analogue Peptides With Broad
 TITLE OF INVENTION: Carcinoma Specificity, and Kit and
 TITLE OF INVENTION: Diagnostic Vaccination and
 TITLE OF INVENTION: Therapeutic Methods
 NUMBER OF SEQUENCES: 96

CORRESPONDENCE ADDRESS: ASSOC.

STREET: 205 No. 5904187th Broadway, Suite 201
 CITY: Walnut Creek
 STATE: California
 COUNTRY: USA
 ZIP: 94596

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/129 930B
 FILING DATE: September 30, 1993

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: PRETTY, SCHROEDER & POPLAWSKI
 REGISTRATION NUMBER: 30,930
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (510) 521-3545
 TELEFAX: (510) 521-3541

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:
 LENGTH: 134 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLBUOLE TYPE: Peptide

US-08-125-930B-13

Query Match 18.5%; Score 22; DB 1; Length 134;
 Best Local Similarity 100.0%; Fnd No. 1.6e-13;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EVLDESGLVPGQSMKSC 22

Db 20 EVLDESGLVPGQSMKSC 41

RESULT 15

US-08-976-288A-13
 Sequence 13, Application US/08976288A
 Patent No. 5899777
 INVENTOR: do Couto, Fernando J.R.
 APPLICANT: do Couto Dr., Fernando J.R.
 APPLICANT: Ceriani Dr., Roberto L.
 APPLICANT: Petersen Dr., Jerry A.
 APPLICANT: Padua Dr., Eduardo A.
 TITLE OF INVENTION: Analogue Peptides With Broad
 TITLE OF INVENTION: Carcinoma Specificity, and Kit and
 TITLE OF INVENTION: Diagnostic Vaccination and
 TITLE OF INVENTION: Therapeutic Methods
 NUMBER OF SEQUENCES: 96

CORRESPONDENCE ADDRESS:

STREET: 444 South Flower St., 19th Floor

CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071
COMPUTER: IBM PC compatible
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
CURRENT APPLICATION DATA: Case #1.0, Version #1.25
APPLICATION NUMBER: US/08/976.280A
FILING DATE: No. 6315997ember 21, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/125.930
FILING DATE: September 30, 1993
APPLICATION NUMBER: 07/977.696
FILING DATE: No. 6315997ember 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Vivian Wong, P.D.
REGISTRATION NUMBER: 30.930
REFERENCE/DOCKET NUMBER: P663938
TELEPHONE: (213) 622-7700
TELEFAX: (213) 489-4210
TELEX: n.a.
INFORMATION: ID NO. 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 134 amino acids
TYPE: amino acid
SOURCE: Human
MOLECULE TYPE: Peptide

US-09-976-280A-13
Query Match 18.5%; Score 22; DB 4; Length 134;
Best Local Similarity 100.0%; Pred. No. 1.6e-13;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLESGGGTVPGSGMJCSC 22
DB 20 EVKLESGGGTVPGSGMJCSC 41

Search completed: March 15, 2004, 13:16:25
Job time : 16.8496 secs


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; APPLICANT: Le, Junning
; APPLICANT: Vilecek, Jan
; APPLICANT: Vilecek, Jan
; APPLICANT: Ghayab, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-007
; CURRENT APPLICATION NUMBER: US/09/756.161A
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-01-15
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; SOFTWARE: PASTSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-756-161a-3

Query Match
Base Local Similarity 100.0%; Score 107; DB 9; Length 107;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILUTGPALLSVSGRVSFSCASQFGSSHWQRTNSPRLIKYASNSGIPS 60
DB 1 DILUTGPALLSVSGRVSFSCASQFGSSHWQRTNSPRLIKYASNSGIPS 60
QY 61 RFSGSGSDTFLTSINVTSESDIADYVCCQSHWFFTGSGTNLVK 107
DB 61 RFSGSGSDTFLTSINVTSESDIADYVCCQSHWFFTGSGTNLVK 107

RESULT 5
US-09-897-724-3
; Sequence 3, Application US/0987724
; Publication NO. US2002011593A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilecek, Jan
; APPLICANT: Ghayab, John
; APPLICANT: Knight, David M.
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-012
; CURRENT APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 2004-07-02
; PRIOR APPLICATION NUMBER: U.S. 08/010,406

Query Match
Base Local Similarity 100.0%; Score 107; DB 13; Length 107;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILUTGPALLSVSGRVSFSCASQFGSSHWQRTNSPRLIKYASNSGIPS 60
DB 1 DILUTGPALLSVSGRVSFSCASQFGSSHWQRTNSPRLIKYASNSGIPS 60
QY 61 RFSGSGSDTFLTSINVTSESDIADYVCCQSHWFFTGSGTNLVK 107
DB 61 RFSGSGSDTFLTSINVTSESDIADYVCCQSHWFFTGSGTNLVK 107

RESULT 7
US-10-043-450-3
; Sequence 3, Application US/10043450
; Publication NO. US2002011596A1

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/ GENERAL INFORMATION:
/ APPLICANT: Le, Junning
/ APPLICANT: Daddona, Peter
/ APPLICANT: Ghayeb, John M.
/ APPLICANT: Sleight, Scott M.
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
/ TITLE OF INVENTION: Human Tumor Necrosis Factor
/ CURRENT APPLICATION NUMBER: US/10/043,450
/ PRIOR FILING DATE: 2002-01-10
/ PRIOR APPLICATION NUMBER: US. 09/756,398
/ PRIOR FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: U.S. 09/133,119
/ PRIOR FILING DATE: 1995-12-11
/ PRIOR APPLICATION NUMBER: U.S. 08/324,799
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/132,102
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/132,861
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/132,093
/ PRIOR FILING DATE: 1993-01-29
/ PRIOR APPLICATION NUMBER: U.S. 08/010,406
/ PRIOR FILING DATE: 1993-01-29
/ PRIOR APPLICATION NUMBER: U.S. 08/013,413
/ PRIOR FILING DATE: 1992-09-11
/ PRIOR APPLICATION NUMBER: U.S. 07/943,852
/ PRIOR FILING DATE: 1992-09-11
/ PRIOR APPLICATION NUMBER: U.S. 07/853,606
/ PRIOR FILING DATE: 1992-03-18
/ PRIOR APPLICATION NUMBER: U.S. 07/670,827
/ PRIOR FILING DATE: 1991-03-18
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: FastSeq for Windows Version 4.0
/ LENGTH: 107
/ TYPE: PRT
/ ORGANISM: Mus Balb/c
US-10-041-450-3

Query Match 100.0%; Score 107; DB 13; Length 107;
Best Local Similarity 100.0%; Pct. No. 1,2e-91;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPALVSGRVSFSCASPVGSSHWYQNTGSPALLIKYASNSGSPS 60
Db 1 DILLTQSPALVSGRVSFSCASPVGSSHWYQNTGSPALLIKYASNSGSPS 60
Qy 61 RFGSGSGDTFLSINTVSESDIADYCCQSHWFFPGSGTLEVK 107
Db 61 RFGSGSGDTFLSINTVSESDIADYCCQSHWFFPGSGTLEVK 107

RESULT 9
US-10-043-432-3
/ Sequence 3, Application US/10043432
/ Publication No. US20020146419A1
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junning
/ APPLICANT: Vileek, Jan
/ APPLICANT: Ghayeb, John M.
/ APPLICANT: Sleight, Scott M.
/ APPLICANT: Knight, David M.
/ APPLICANT: Sleight, Scott M.
/ APPLICANT: Ghayeb, John M.
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
/ TITLE OF INVENTION: Human Tumor Necrosis Factor
/ FILE REFERENCE: 0975.1005-013
/ CURRENT APPLICATION NUMBER: US/10/043,432
/ PRIOR FILING DATE: 2001-08-10
/ PRIOR APPLICATION NUMBER: U.S. 09/756,398
/ PRIOR FILING DATE: 2001-08-10
/ PRIOR APPLICATION NUMBER: U.S. 09/133,119
/ PRIOR FILING DATE: 1998-08-12
/ PRIOR APPLICATION NUMBER: U.S. 08/570,674
/ PRIOR FILING DATE: 1995-12-11
/ PRIOR APPLICATION NUMBER: U.S. 08/570,674

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1 PRIOR APPLICATION NUMBER: U.S. 08/324,799
2 PRIOR FILING DATE: 1994-10-18
3 PRIOR APPLICATION NUMBER: U.S. 08/192,102
4 PRIOR FILING DATE: 1994-02-04
5 PRIOR APPLICATION NUMBER: U.S. 08/192,861
6 PRIOR FILING DATE: 1994-02-04
7 PRIOR APPLICATION NUMBER: U.S. 08/192,093
8 PRIOR FILING DATE: 1994-02-04
9 PRIOR APPLICATION NUMBER: U.S. 08/010,406
10 PRIOR FILING DATE: 1993-01-29
11 PRIOR APPLICATION NUMBER: U.S. 08/013,413
12 PRIOR FILING DATE: 1993-02-02
13 PRIOR APPLICATION NUMBER: U.S. 07/943,852
14 PRIOR FILING DATE: 1992-09-11
15 PRIOR APPLICATION NUMBER: U.S. 07/853,606
16 PRIOR FILING DATE: 1992-03-18
17 PRIOR APPLICATION NUMBER: U.S. 07/670,827
18 PRIOR FILING DATE: 1991-03-15
19 NUMBER OF SEQ ID NOS: 19
20 SOFTWARE: FASTSEQ for Windows Version 4.0
21 SEQ ID NOS: 1-19
22 LENGTH: 107
23 TYPE: PRT
24 ORGANISM: Mus Balb/c
25 US-10-108-145-3
26 Query Match
27 Local Similarity 100.0%; Score 107; DB 14; Length 107;
28 Best Local Similarity 100.0%; Pred. No. 1,2e-91;
29 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
30
31 QY 1 DILLOTPALISVGFENFVSCRASQVGSIIHWQKTPGRLLIKXASMSGIS 60
32 DB 1 DILLOTPALISVGFENFVSCRASQVGSIIHWQKTPGRLLIKXASMSGIS 60
33 QY 61 RFSSGSGSDTFLISINTSEEDADYVQCQSSHPFTSGSTLVNK 107
34 DB 61 RFSSGSGSDTFLISINTSEEDADYVQCQSSHPFTSGSTLVNK 107
35 TYPE: PRT
36 ORGANISM: Mus Balb/c
37 US-10-041-432-3
38 RESULT 10
39 US-10-108-145-3
40 Sequence 3, Application US/4620145
41 Publication No. US2003013393A4
42 GENERAL INFORMATION:
43 APPLICANT: Vileek, Jan
44 APPLICANT: Knight, David M.
45 APPLICANT: Siegel, Scott
46 APPLICANT: Chayab, John
47 APPLICANT: Knight, David M.
48 APPLICANT: Siegel, Scott
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306 APPLICANT: Siegel, Scott
307 APPLICANT: Chayab, John
308 APPLIC
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QY 1 DILLTQSPALVSPGVSEFSCASQVGGSHHWQRTGSPGSPALLIKYAESMSGIS 60
DB 1 DILLTQSPALVSPGVSEFSCASQVGGSHHWQRTGSPGSPALLIKYAESMSGIS 60
QY 61 RFSGSGSDTFLINVSSEDIADYVCOQSHSFFTFSGSTMLEV 107
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US-10-187-488-3
; Publication No. US20030147891
; GENERAL INFORMATION:
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghrysbay, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNP Antibodies and Peptides of Human Tumor Necrosis Factor
; CURRENT APPLICATION NUMBER: US/10/227,488
; PRIOR FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: U.S. 09/786,535
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; SOFTWARE: PASCAL for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; ORGANISM: Mus Balb/c
US-10-227-488-3
Query Match 100.0%; Score 107; DB 14; Length 107;
Best Local Similarity 100.0%; Pred. No. 1,2e-91;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 DILLTQSPALVSPGVSEFSCASQVGGSHHWQRTGSPGSPALLIKYAESMSGIS 60
DB 1 DILLTQSPALVSPGVSEFSCASQVGGSHHWQRTGSPGSPALLIKYAESMSGIS 60
QY 61 RFSGSGSDTFLINVSSEDIADYVCOQSHSFFTFSGSTMLEV 107
DB 61 RFSGSGSDTFLINVSSEDIADYVCOQSHSFFTFSGSTMLEV 107
RESULT 13
US-10-187-121-3
; Publication No. US20030147891
; GENERAL INFORMATION:
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghrysbay, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNP Antibodies and Peptides of Human Tumor Necrosis Factor
; CURRENT APPLICATION NUMBER: US/10/227,488
; PRIOR FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: U.S. 09/786,535
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
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; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
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; PRIOR FILING DATE: 1993-01-29
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; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; SOFTWARE: PASCAL for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; ORGANISM: Mus Balb/c
US-10-227-488-3
Query Match 100.0%; Score 107; DB 14; Length 107;
Best Local Similarity 100.0%; Pred. No. 1,2e-91;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 DILLTQSPALVSPGVSEFSCASQVGGSHHWQRTGSPGSPALLIKYAESMSGIS 60
DB 1 DILLTQSPALVSPGVSEFSCASQVGGSHHWQRTGSPGSPALLIKYAESMSGIS 60
QY 61 RFSGSGSDTFLINVSSEDIADYVCOQSHSFFTFSGSTMLEV 107
DB 61 RFSGSGSDTFLINVSSEDIADYVCOQSHSFFTFSGSTMLEV 107

Publication No. US20030175275A1
; GENERAL INFORMATION:
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghrysbay, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNP Antibodies and Peptides of Human Tumor Necrosis Factor
; CURRENT APPLICATION NUMBER: US/10/187,121
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1994-10-18
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; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; SOFTWARE: PASCAL for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; ORGANISM: Mus Balb/c
US-10-187-121-3
Query Match 100.0%; Score 107; DB 14; Length 107;
Best Local Similarity 100.0%; Pred. No. 1,2e-91;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 DILLTQSPALVSPGVSEFSCASQVGGSHHWQRTGSPGSPALLIKYAESMSGIS 60
DB 1 DILLTQSPALVSPGVSEFSCASQVGGSHHWQRTGSPGSPALLIKYAESMSGIS 60
QY 61 RFSGSGSDTFLINVSSEDIADYVCOQSHSFFTFSGSTMLEV 107
DB 61 RFSGSGSDTFLINVSSEDIADYVCOQSHSFFTFSGSTMLEV 107
RESULT 14
US-10-176-460-3
; Publication No. US20030176676A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Daddona, Peter
; APPLICANT: Ghrysbay, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNP Antibodies and Peptides of Human Tumor Necrosis Factor
; CURRENT APPLICATION NUMBER: US/10/176,460

1 REFERENCE/DOCKET NUMBER: NYU93-0193
2 TELECOMMUNICATION INFORMATION:
3 PILING DATE: 18-MAR-1992
4 PRIOR APPLICATION DATA: US 07/851,606
5 TELEPHONE: (617) 861-4240
6 FILING DATE: 15-MAR-1991
7 INFORMATION FOR SEQ ID NO: 3:
8 SEQUENCE CHARACTERISTICS:
9 LENGTH: 107 amino acids
10 topological linear
11 TOPOLOGY: linear
12 MOLECULE TYPE: protein
13 US-08-192-102-3
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15 Query Match 100.0%; Score 107; DB 1: Length 107;
16 Best Local Similarity 100.0%; Pred. No. 4.7e-55;
17 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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19 QY 1 DILLTQSPALVSPGSRVPSFSCASQVGSIVHWQQTNSPRLIKYASNSGIPS 60
20 1 DILLTQSPALVSPGSRVPSFSCASQVGSIVHWQQTNSPRLIKYASNSGIPS 60
21 DB 1 DILLTQSPALVSPGSRVPSFSCASQVGSIVHWQQTNSPRLIKYASNSGIPS 107
22 61 RFGSGSGSDPTLISINVSIEDIADYVQQSINWFTGSGTNLEVK 107
23 DB 61 RFGSGSGSDPTLISINVSIEDIADYVQQSINWFTGSGTNLEVK 107
24
25 RESULT 2
26 US-08-324-759-3
27 Sequence 3, Application US/8324799
28 GENERAL INFORMATION:
29 APPLICANT: Le, Junning
30 APPLICANT: Vilcek, Jan
31 APPLICANT: Daddona, Peter E.
32 APPLICANT: Cheevers, John E.
33 APPLICANT: Knight, David M.
34 APPLICANT: Siegel, Scott A.
35 TITLE OF INVENTION: ANTITUMOR ANTIBODIES AND PEPTIDES
36 TITLE OF INVENTION: ANTITUMOR ANTIBODIES AND PEPTIDES
37 NUMBER OF SEQUENCES: 19
38 CORRESPONDENCE ADDRESS:
39 ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
40 ADDRESSEE: Two Militia Drive
41 CITY: Lexington
42 STATE: Massachusetts
43 COUNTRY: USA
44 ZIP: 02173
45 COMPUTER READABLE FORM:
46 MEDIUM TYPE: Floppy disk
47 COMPUTER: IBM PC compatible
48 OPERATING SYSTEM: PC-DOS/MS-DOS
49 SOFTWARE: SYMBIOSIS RELEASES #1.0, Version #1.25
50 CURRENT APPLICATION DATA:
51 APPLICATION NUMBER: US/08/324,759
52 PRIORITY DATA:
53 PRIORITY DATE: 04-FEB-1994
54 FILING DATE: 04-FEB-1994
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223 FILING DATE: 04-FEB-1994
224 FILING DATE: 04-FEB-1994
225 FILING DATE: 04-FEB-1994
226 FILING DATE: 04-FEB-199

FILING DATE: 18-MAR-1992
 PRIOR APPLICATION DATA: US 07/670,827
 FILING DATE: 18-MAR-1991
 FILING DATE: 18-MAR-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: BROOK, David E. 22 592
 ADDRESS: 100.04; Pred. No. 4.7e-95; 0; Gaps 0;
 REFERENCES/DOCKET NUMBER: NY93-01M2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (781) 861-6240
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 107 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-192-861A-3
 Query Match 100.04; Score 107; DB 2; Length 107;
 Best Local Similarity 100.04; Pred. No. 4.7e-95;
 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 DILLTSPALLSVSRVSRFCASQVGSSTHWQRTNCSFLLITYASENSGIPS 60
 DB 1 DILLTSPALLSVSRVSRFCASQVGSSTHWQRTNCSFLLITYASENSGIPS 60
 QY 61 RFSSGSGDTFTLSINVESEDIADYCCQHSNWPFTSGSTNLEVK 107
 DB 61 RFSSGSGDTFTLSINVESEDIADYCCQHSNWPFTSGSTNLEVK 107

RESULT 4, 119-3
 Sequence 3, Application US/0913119
 Patent No. 6277969
 GENERAL INFORMATION:
 APPLICANT: Vilecek, Jan
 APPLICANT: Daddona, Peter E.
 APPLICANT: Chayeb, John M.
 APPLICANT: Sigal, Scott A.
 TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
 TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
 STREET: Two Militia Drive
 CITY: Lexington
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02173
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/133,119
 FILING DATE: 08/13/1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/570,674
 FILING DATE: 11-DEC-1995
 FILING DATE: 08/324,799
 FILING DATE: 18-OCT-1994
 PRIOR APPLICATION DATA: 08/192,093
 FILING DATE: 04-FEB-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/192,102
 FILING DATE: 04-FEB-1994

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/192,061
 FILING DATE: 08/192,061
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/013,413
 FILING DATE: 08/013,413
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/010,406
 FILING DATE: 29-JAN-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/943,852
 FILING DATE: 11-SEP-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/853,606
 FILING DATE: 18-MAR-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/670,827
 FILING DATE: 18-MAR-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: BROOK, David E. 22 592
 REGISTRATION NUMBER: 0893-01MWA
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 861-6240
 INFO: (617) 861-9540
 SEQUENCE CHARACTERISTICS:
 LENGTH: 107 amino acids
 TYPE: amino acid
 MOLECULE TYPE: protein
 US-09-133-119-3
 Query Match 100.04; Score 107; DB 3; Length 107;
 Best Local Similarity 100.04; Pred. No. 4.7e-95;
 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 DILLTSPALLSVSRVSRFCASQVGSSTHWQRTNCSFLLITYASENSGIPS 60
 DB 1 DILLTSPALLSVSRVSRFCASQVGSSTHWQRTNCSFLLITYASENSGIPS 60
 QY 61 RFSSGSGDTFTLSINVESEDIADYCCQHSNWPFTSGSTNLEVK 107
 DB 61 RFSSGSGDTFTLSINVESEDIADYCCQHSNWPFTSGSTNLEVK 107

RESULT 5
 US-09-192-093A-3
 Sequence 3, Application US/08192093A
 Patent No. 627471
 GENERAL INFORMATION:
 APPLICANT: Le, Junning
 APPLICANT: Daddona, Peter E.
 APPLICANT: Chayeb, John M.
 APPLICANT: Knight, David M.
 APPLICANT: Sigal, Scott A.
 TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING
 TITLE OF INVENTION: ANTI-TNF ANTIBODIES
 NUMBER OF SEQUENCES: 19
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
 STREET: Two Militia Drive
 CITY: Lexington
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02173
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/192,093A
 FILING DATE: 04-FEB-1994
 PRIOR APPLICATION DATA: US 06/013,413
 FILING DATE: 02-FEB-1993
 PRIOR APPLICATION DATA: US 06/010,406
 FILING DATE: 28-JAN-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/943,852
 FILING DATE: 18-MAR-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/853,606
 FILING DATE: 18-MAR-1992
 APPLICATION NUMBER: US 07/670,827
 FILING DATE: 18-MAR-1991
 ATTORNEY/AGENT INFORMATION:
 REFERENCE/DOCKET NUMBER: NT093-01M3
 REGISTRATION NUMBER: 8,22,592
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 843,9540
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 107 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-132-093A-3
 Query Match
 Best Local Similarity 100.0%; Pred. No. 4/6-95; Length 107;
 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Oy 1 DILLTOSPAIVSGPVSFRCASQVGSIMVQQTNGSPALLKVAASEMGIS 60
 Db 1 DILLTOSPAIVSGPVSFRCASQVGSIMVQQTNGSPALLKVAASEMGIS 60
 Oy 61 RFSGSGGDTTISINTVSESDIADYCCQSHMPTFGGNLEW 107
 Db 61 RFSGSGGDTTISINTVSESDIADYCCQSHMPTFGGNLEW 107

NAME: SVENSSON, LEONARD R
 REGISTRATION NUMBER: 30,330
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 205-8000
 TELEFAX: (703) 205-8050
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 107 amino acids
 TYPE: amino acid
 MOLECULE TYPE: protein
 US-08-232-081B-40
 Query Match
 Best Local Similarity 100.0%; Pred. No. 1/5e-18; Length 107;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Oy 1 DILLTOSPAIVSGPVSFRCASQ 27
 Db 1 DILLTOSPAIVSGPVSFRCASQ 27
 RESULT 7
 US-08-476-176B-4
 Sequence 4: Application US/08/476,176B
 GENERAL INFORMATION:
 APPLICANT: Hardman, No. 59870man
 APPLICANT: Golder, Rank
 APPLICANT: Solidank
 TITLE OF INVENTION: Reshaped monoclonal antibodies against an
 TITLE OF INVENTION: Reshaped monoclonal antibodies against an
 CORRESPONDENCE ADDRESS: 55
 ADDRESS: No. 59870man is Patent Department
 STREET: 59 Route 10
 CITY: East Windsor
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07936-1080
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 CURRENT APPLICATION DATA: Release #1.0, Version #1.25
 APPLICATION NUMBER: US/08/476,176B
 FILING DATE: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/137,721
 FILING DATE: 27-SEPTEMBER-1993
 FILING DATE: 25-SEPTEMBER-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 59870man, Rank P.
 REFERENCE/DOCKET NUMBER: 4-19276/A/92/CIP
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (908) 277,5110
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 107 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-476-176B-4
 Query Match
 Best Local Similarity 100.0%; Pred. No. 1/5e-18; Length 107;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

APPLICATION NUMBER: EP 9510767.2
 FILING DATE: 26-MAY-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: MERCK & CO., INC.
 REGISTRATION NUMBER: 37 067
 REFERENCE/DOCKET NUMBER: MERCK 1781
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 703-243-6410
 TELEFAX: 703-243-6410
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-693-428-8

Query Match 25.2% Score 27; DB 2; Length 143;
 Best Local Similarity 100.0%; Pred. No. 2.9e-18;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTOSPALISVPERVSCASQ 27
 DB 21 DILLTOSPALISVPERVSCASQ 47

RESULT 11
 US-09-756-399-2

Sequence 2, Application US/0795399
 Patent No. 5876717
 GRANTED
 APPLICANT: SHIMAMURA, TOSHIO
 APPLICANT: TAKI, SHINUKE
 APPLICANT: HAMURO, JUNJI
 TITLE OF INVENTION: CHAINS OF IL-2 RECEPTORS
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 ADDRESS: OUCHI, S. PIVAK, MCCELLAND, MAIER & NEUSTADT,
 STREET, 1755 S. Jefferson Davis Highway, Suite 400
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.

ZIP: 22202
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 CURRENT APPLICATION DATA: Release #1.0, Version #1.25
 APPLICATION NUMBER: US/07/956,399

FILING DATE: 19921005

ATTORNEY/AGENT INFORMATION:

NAME: Orlon, No. 5876717/Man F.

REGISTRATION NUMBER: 24 618

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 413-3000

TELEFAX: (703) 413-2220

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 240 amino acids

MOLECULE TYPE: protein

Query Match 25.2% Score 27; DB 2; Length 240;
 Best Local Similarity 100.0%; Pred. No. 2.9e-18;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTOSPALISVPERVSCASQ 27
 DB 2 DILLTOSPALISVPERVSCASQ 28

RESULT 12
 US-09-244-3695-1

Sequence 1, Application US/09244369B
 Patent No. 6418338
 GRANTED
 APPLICANT: Barbets-Guillen, Emilio
 TITLE OF INVENTION: Method for detecting and surgically removing lymphoid tissue inv
 TITLE OF INVENTION: tumor progression
 CURRENT APPLICATION NUMBER: US/09/244,369B
 PRIOR APPLICATION NUMBER: US 60/073,882
 PRIOR FILING DATE: 1999-02-04
 PRIOR APPLICATION NUMBER: US 60/077,970
 PRIOR FILING DATE: 1998-03-13
 NUMBER OF SEQ ID NOS: 1
 SEQ ID NO 1: Patent version 3.0
 LENGTH: 244
 TYPE: protein
 MOLECULE TYPE: protein
 US-09-244-3695-1

Query Match 35.2% Score 27; DB 4; Length 244;
 Best Local Similarity 100.0%; Pred. No. 3e-16;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTOSPALISVPERVSCASQ 27
 DB 135 DILLTOSPALISVPERVSCASQ 161

RESULT 13
 US-08-800-138-4

Sequence 4, Application US/08800198
 Patent No. 6418338
 GRANTED
 GENERAL INFORMATION:
 APPLICANT: WELS, WINFRIED S.
 APPLICANT: SCHMIDT, MATTHIAS
 APPLICANT: SCHNEIDER, DOUGLAS
 APPLICANT: SCHNEIDER, DOUGLAS
 TITLE OF INVENTION: GROWTH FACTOR RECEPTOR ANTIBODIES
 NUMBER OF SEQUENCES: 17
 CORRESPONDENCE ADDRESS:
 ADDRESS: MILLER WHITE, ZELANO & BRANIGAN, P.C.
 STREET: 2200 CLARENDON BLVD, SUITE 1400
 CITY: ARLINGTON
 STATE: VIRGINIA
 COUNTRY: US

ZIP: 22201

COMPUTER READABLE FORM: disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA: Release #1.0, Version #1.30

APPLICATION NUMBER: US/08/800,198

FILING DATE: 13-FEB-1997

CLASSIFICATION: C30

ATTORNEY/AGENT INFORMATION:

NAME: HAMLET-KING, DIANA

REGISTRATION NUMBER: 33,302

REFERENCE/DOCKET INFORMATION:

TELEPHONE: 703-243-6333

TELEFAX: 703-243-6410

INFORMATION FOR SEQ ID NO: 4:

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SEQUENCE CHARACTERISTICS:
  LENGTH: 106
  TYPE: amino acid
  STRANDEDNESS: linear
  MOLECULE TYPE: peptide
  HYPOTHEetical: NO
  FRAGMENT TYPE: internal
  US-09-800-191-1

Query Match
  22.4%; Score 24; DB 2; Length 106;
  Best Local Similarity 100.0%; Pred. No. 1.1e-15;
  Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 LTQSPALVSPGVSRVSCRAQ 27
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DB 4 LTQSPALVSPGVSRVSCRAQ 27
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RESULT 14 595-4
  ; Sequence 4; Application US/09296595A
  ; Patent No. 6159515
  ; GENERAL INFORMATION: INVENTED S
  ; APPLICANT: SCHMITZ, MATTHIAS
  ; APPLICANT: SCHNEIDER, DOUGLAS
  ; APPLICANT: VANALOPOULOU, EVANGELIA
  ; FILE REFERENCE: SCH-1576 D1
  ; CURRENT APPLICATION NUMBER: US/09/296,595A
  ; CURRENT FILING DATE: 1999-04-22
  ; EARLIER FILING DATE: 1997-02-13
  ; NUMBER OF SEQ ID NOS: 18
  ; SOFTWARE: PatentIn Ver. 2.1
  ; SOURCE: PatentIn
  ; LENGTH: 106
  ; TYPE: PPT
  ; ORGANISM: Murine sp.
  ; US-09-250-355-4

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DB 4 LTQSPALVSPGVSRVSCRAQ 27
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RESULT 15 595-4
  ; Sequence 4; Application US/07956399
  ; Patent No. 5876717
  ; GENERAL INFORMATION:
  ; APPLICANT: SHIMAMURA, TOSHIO
  ; APPLICANT: TAKI, SHINSUKE
  ; APPLICANT: HAMURO, JUNJI
  ; TITLE OF INVENTION: POLYPEPTIDES CAPABLE OF BINDING TO HEAVY
  ; TITLE OF INVENTION: CHAINS OF IL-2 RECEPTORS
  ; NUMBER OF SEQUENCES: 4
  ; CORRESPONDENCE ADDRESS:
  ; ADDRESS: GUYAN, SRIVAK, McLELLAND, WATER & NEUSTADT,
  ; STREET: 1755 S. Jefferson Davis Highway, Suite 400
  ; CITY: Arlington
  ; STATE: Virginia
  ; COUNTRY: USA
  ; ZIP: 22202
  ; COMPUTER READABLE FORM:
  ; COMMENT: PPT file on 3.5" disk
  ; COMPUTER: IBM PC compatible

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OPERATING SYSTEM: PC-DOS/MS-DOS
  CURRENT APPLICATION DATA: Release #1.0, Version #1.25
  APPLICATION NUMBER: US/07/956,399
  FILING DATE: 1997-02-13
  CLING DATE: 1997-02-13
  AUTOREY/AGENT INFORMATION:
  NAME: Orlon, No. 5876717man P.
  REFERENCE/DOCUMENT NUMBER: 4,610,586-0
  TELECOMMUNICATION INFORMATION:
  TELEPHONE: (703) 413-3000
  TELEFAX: 24853 0247 US
  INFORMATION FOR SEQ ID NO: 4:
  SEQUENCE CHARACTERISTICS:
  LENGTH: 106 amino acids
  TYPE: AMINO ACIDS
  TOPOLOGY: linear
  MOLECULE TYPE: protein
  US-07-956-399-4

Query Match
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QY 4 LTQSPALVSPGVSRVSCRAQ 27
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DB 5 LTQSPALVSPGVSRVSCRAQ 28
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Search completed: March 15, 2004, 13:16:25
JOB time : 16.1504 secB

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